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Fig.1A

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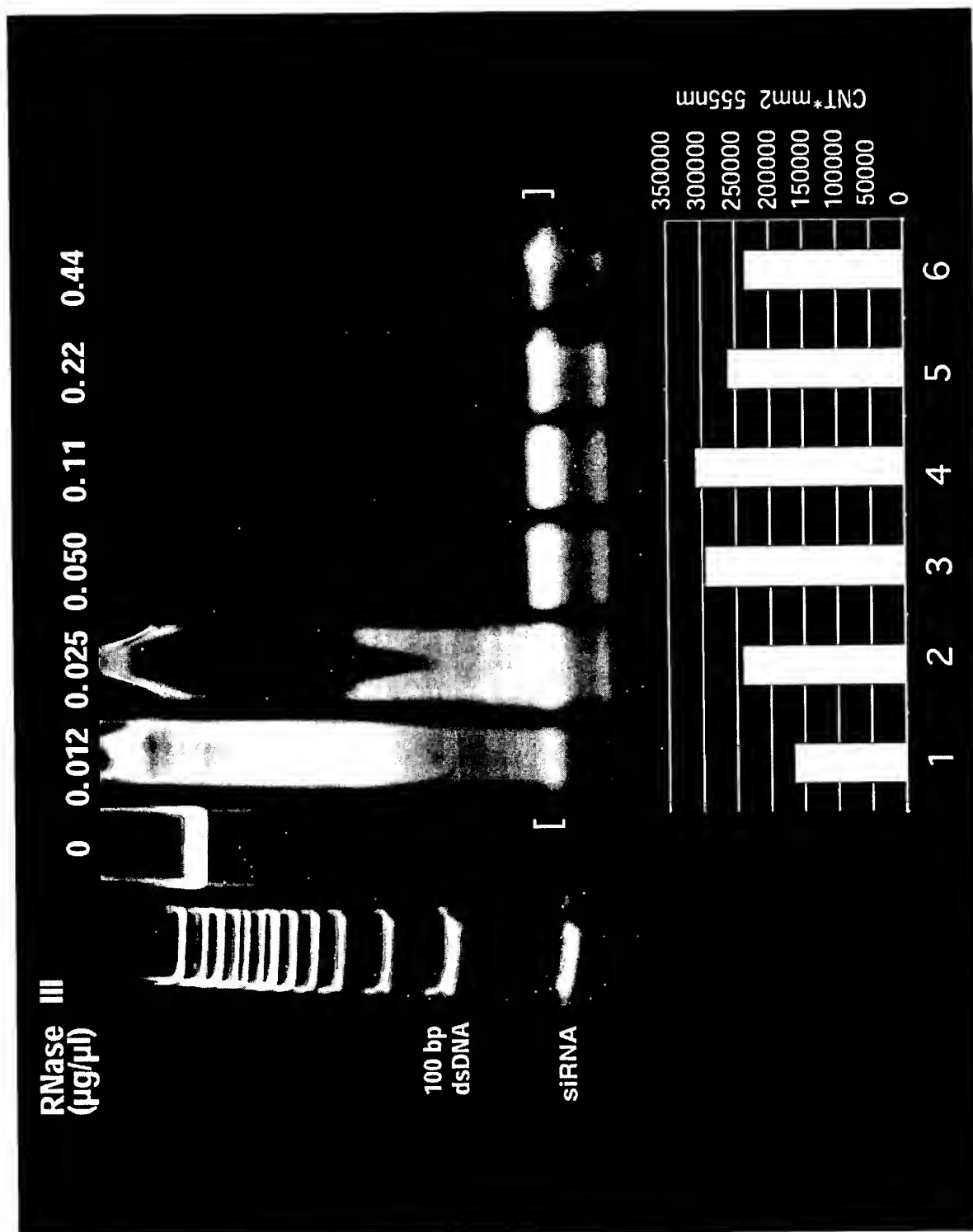
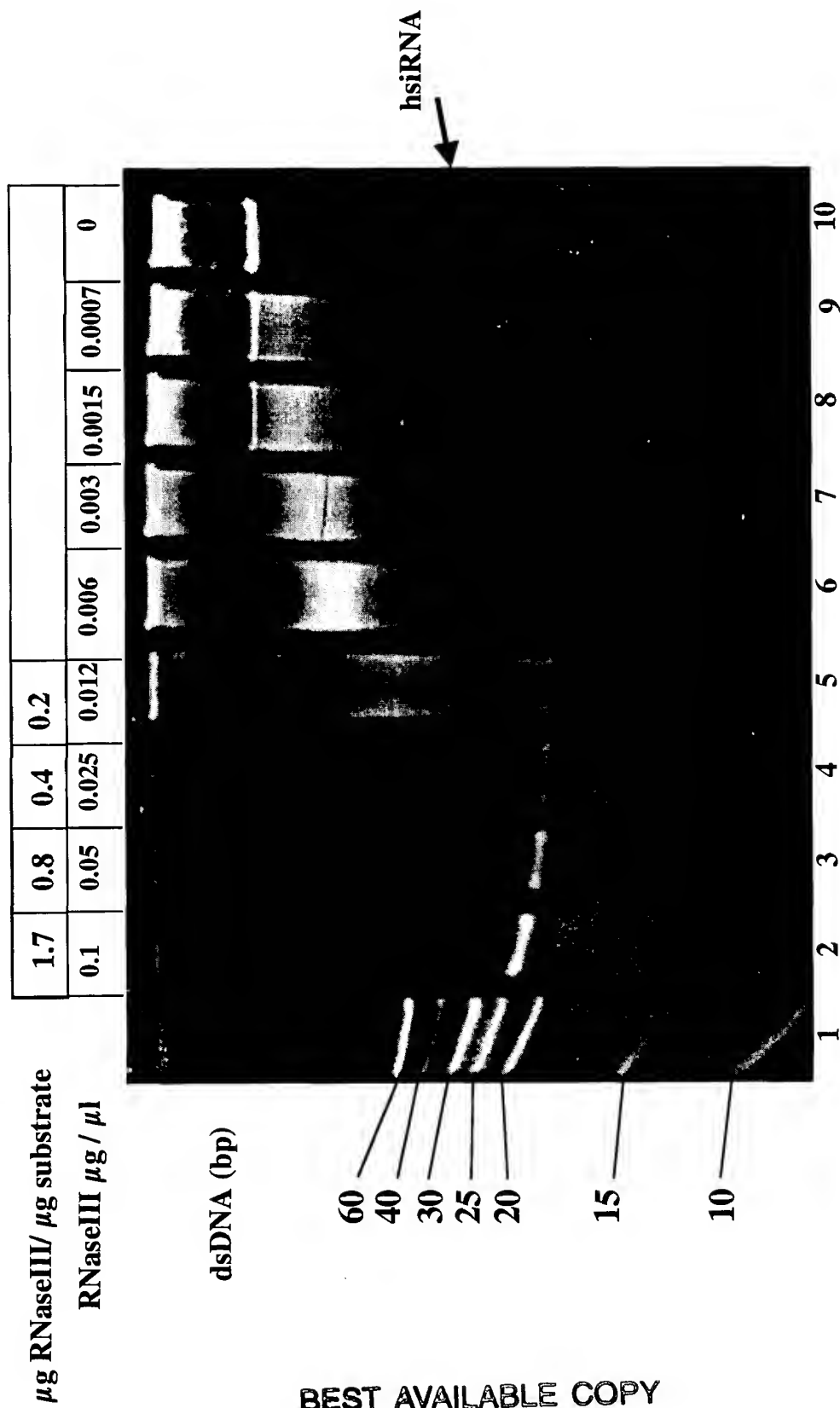


Fig.1B



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Fig.1C

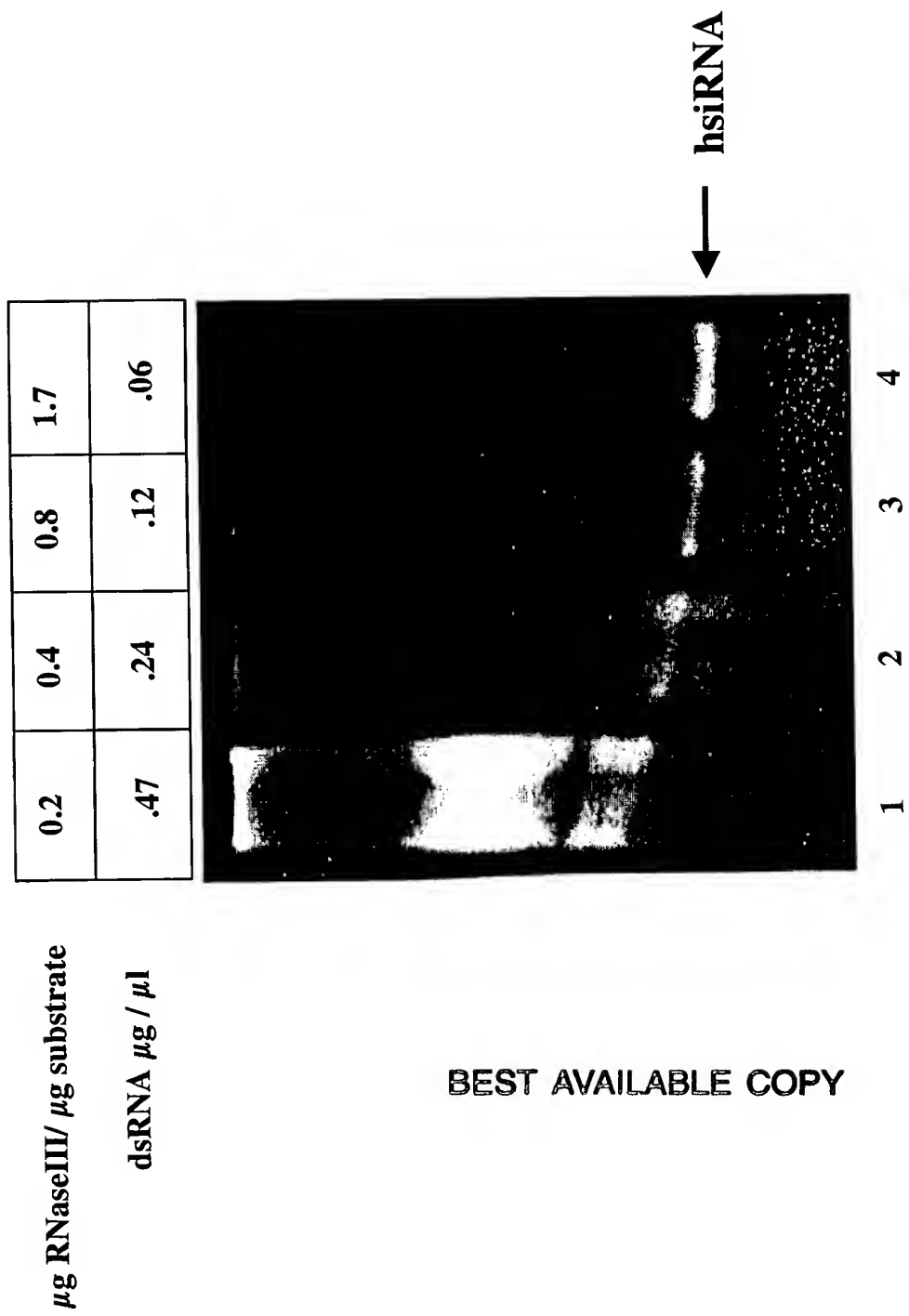
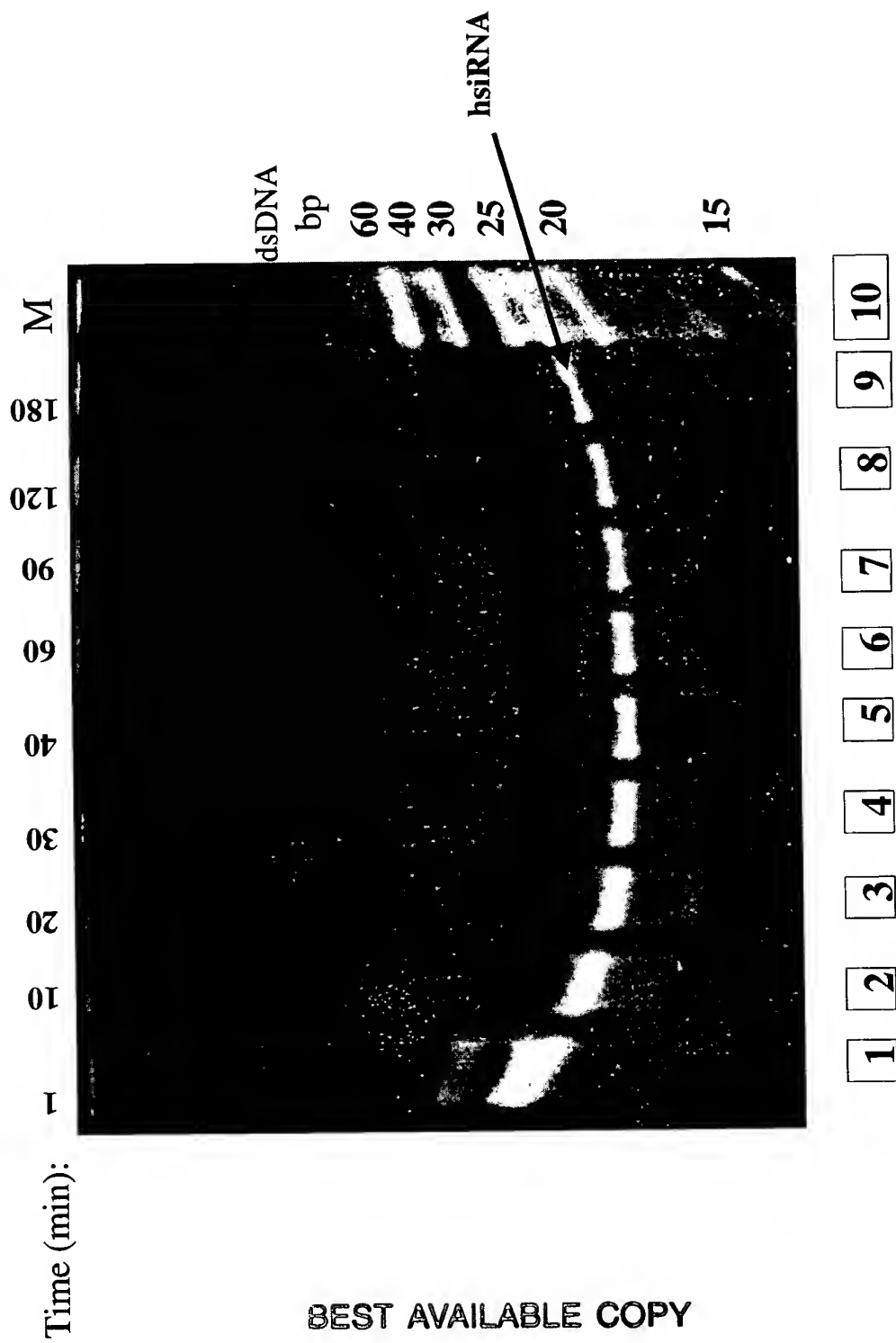


Fig.1D



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Fig.1E

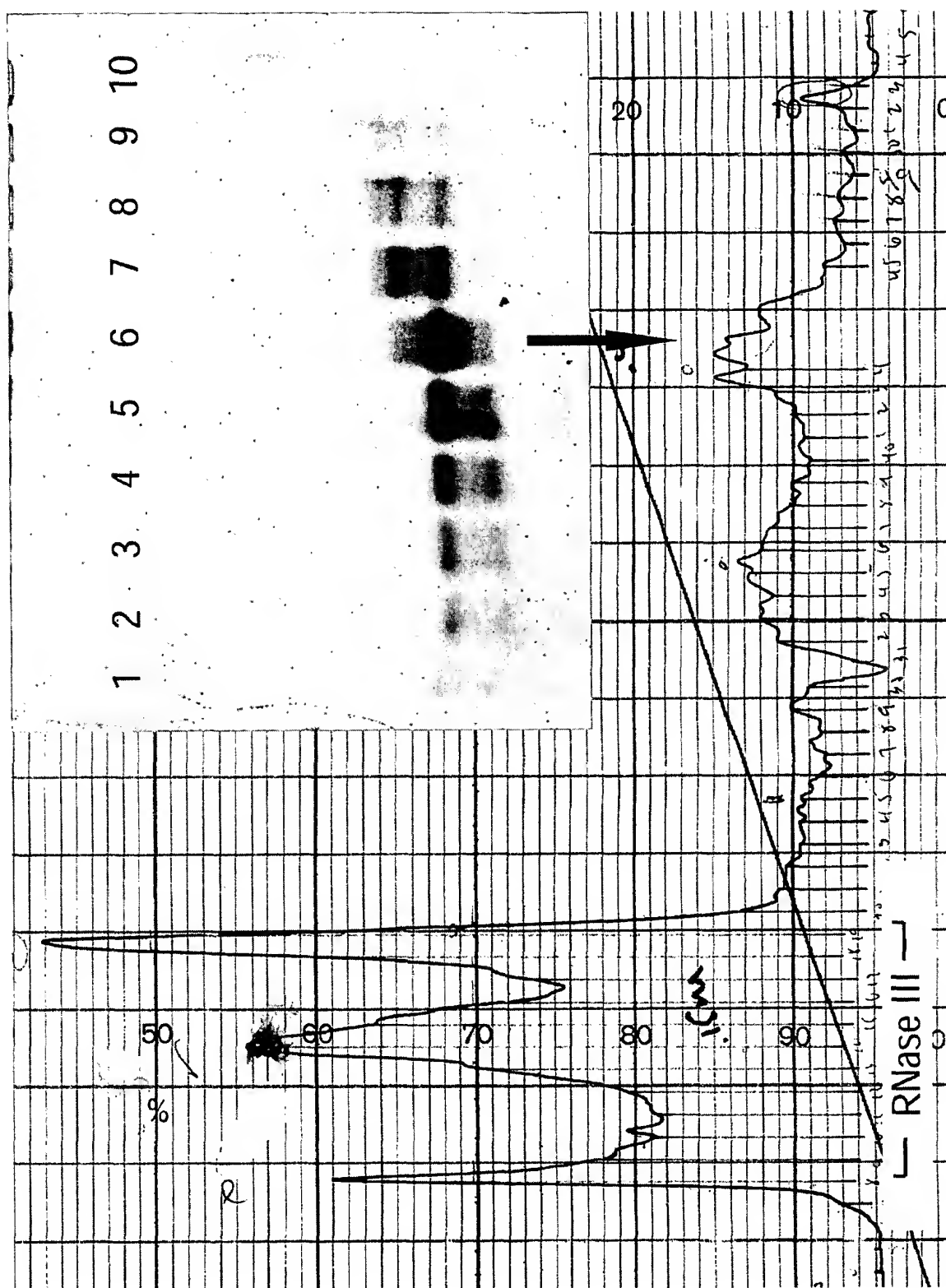
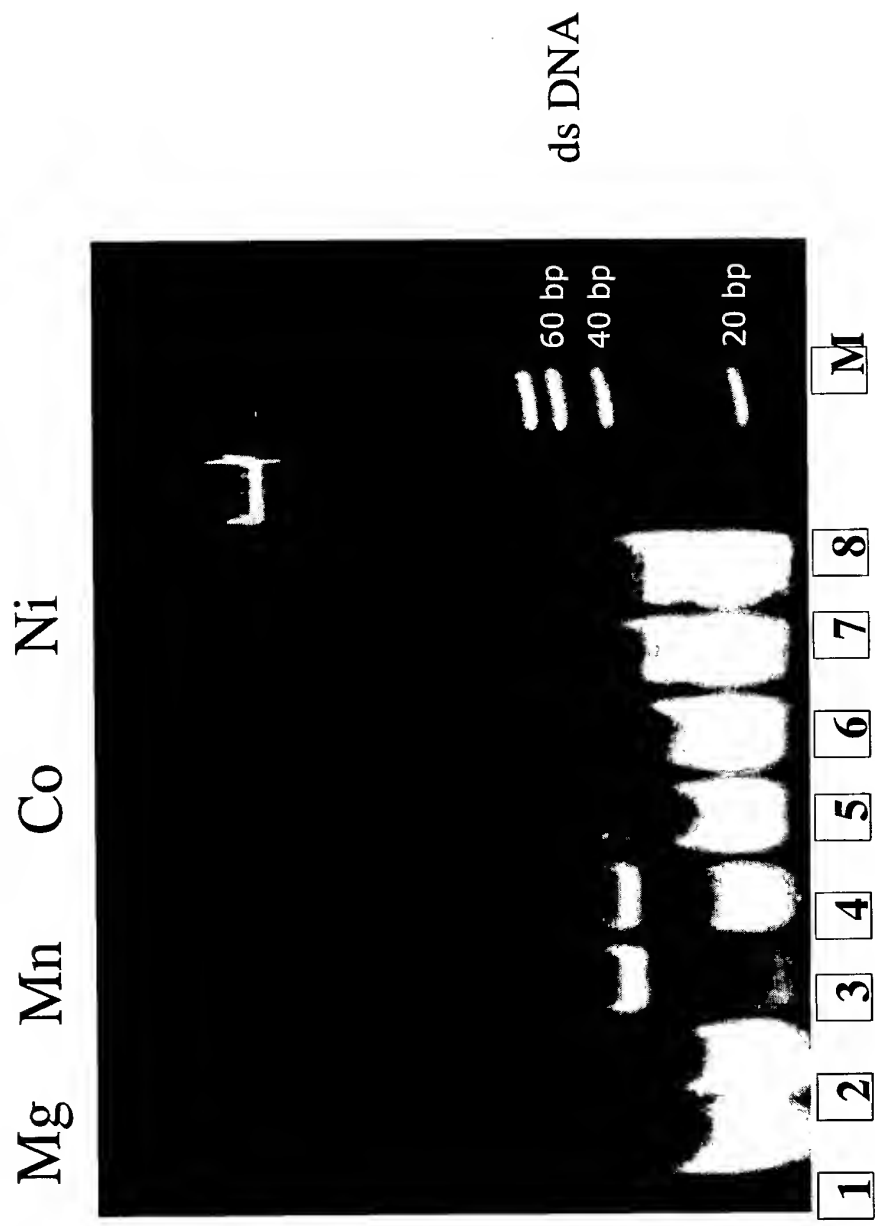


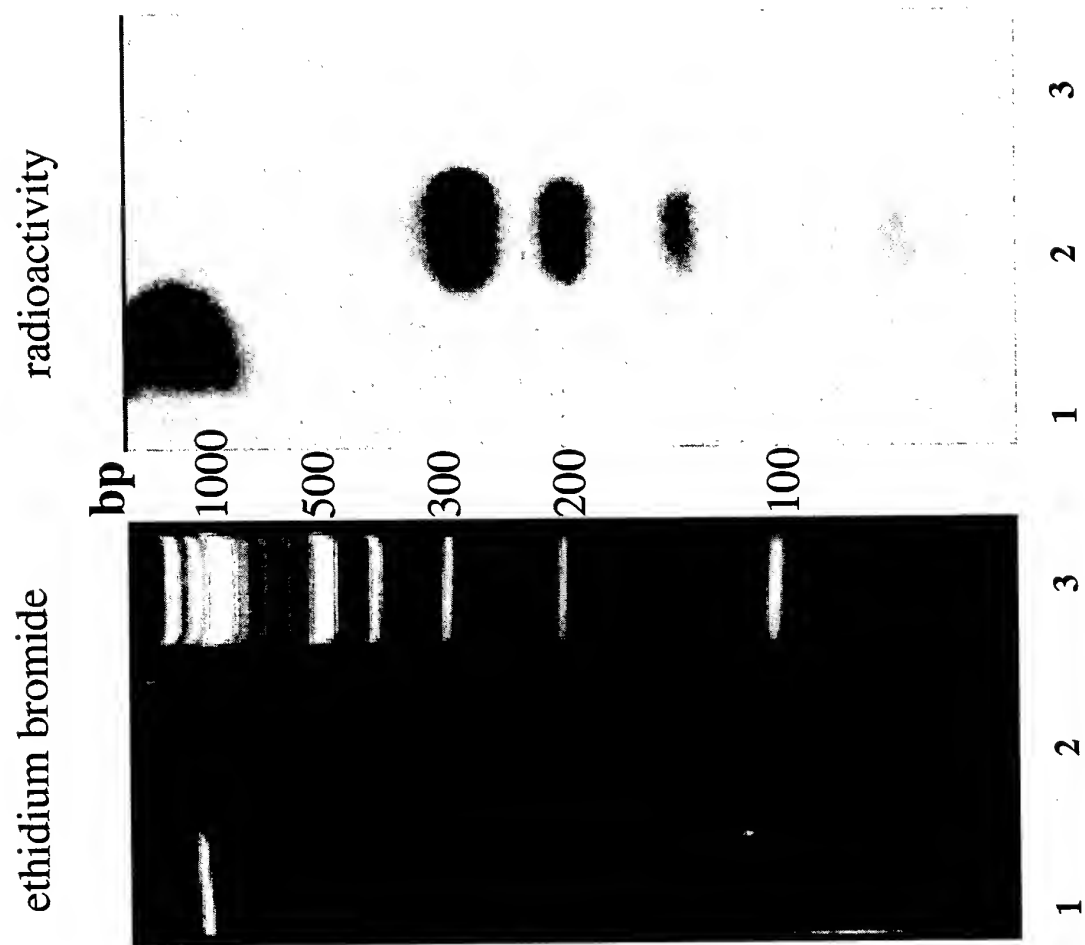
Fig. 1F

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Fig. 2



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Fig. 3A

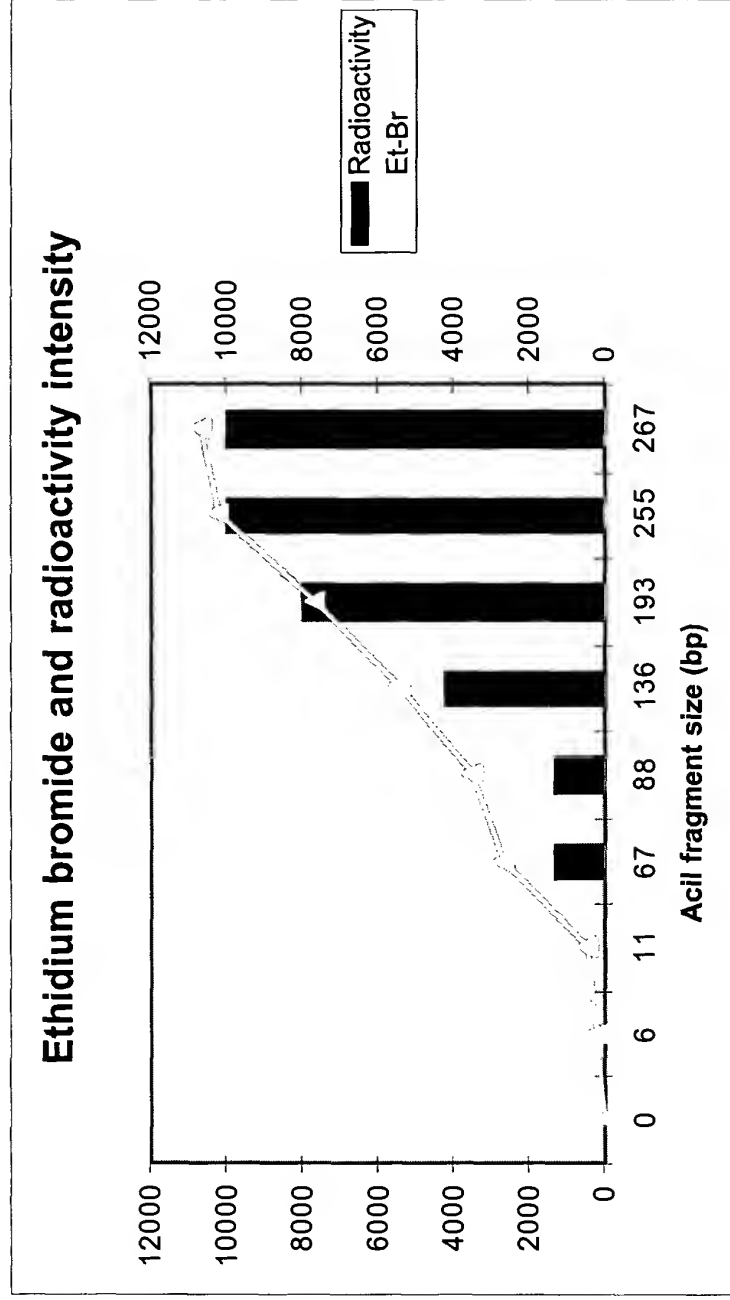


Fig. 3B

Cloning of RNase III digestion products

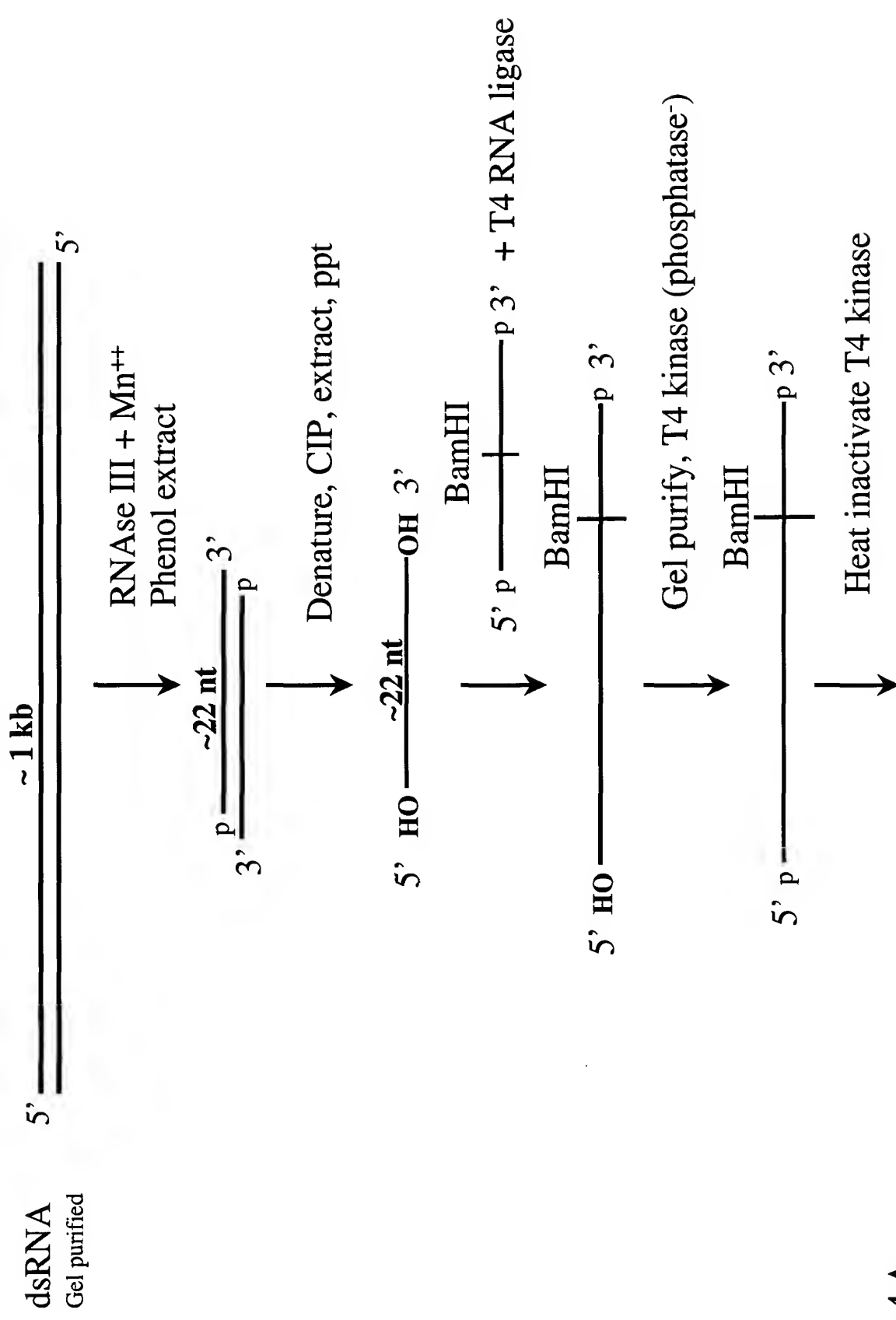


Fig. 4A

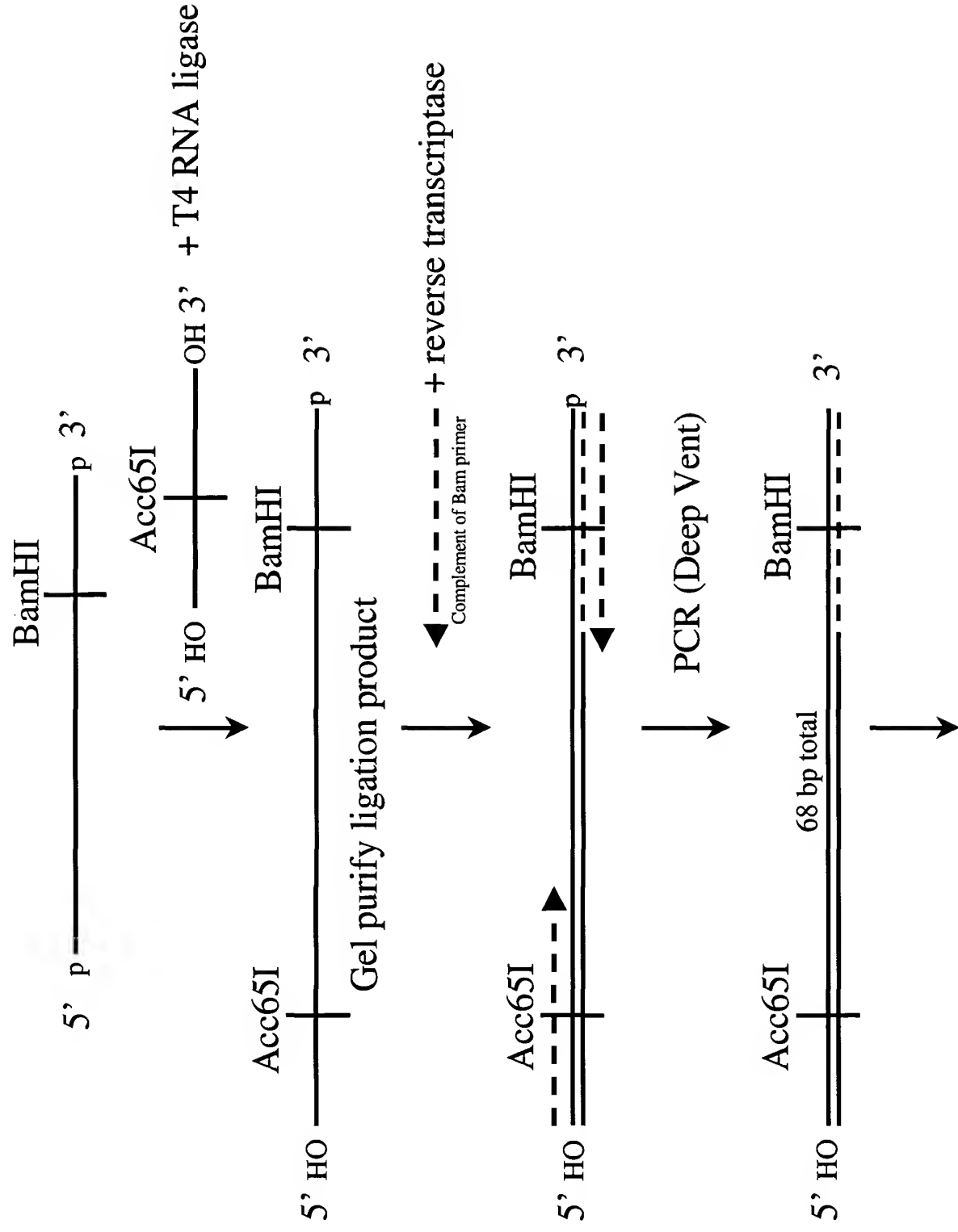
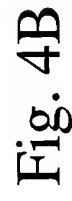


Fig. 4A (cont.)

Digest library with Acc65I and BamHI, clone into pUC19

BglIII-EcoRI male fragment cloned in LITMUS 28i:



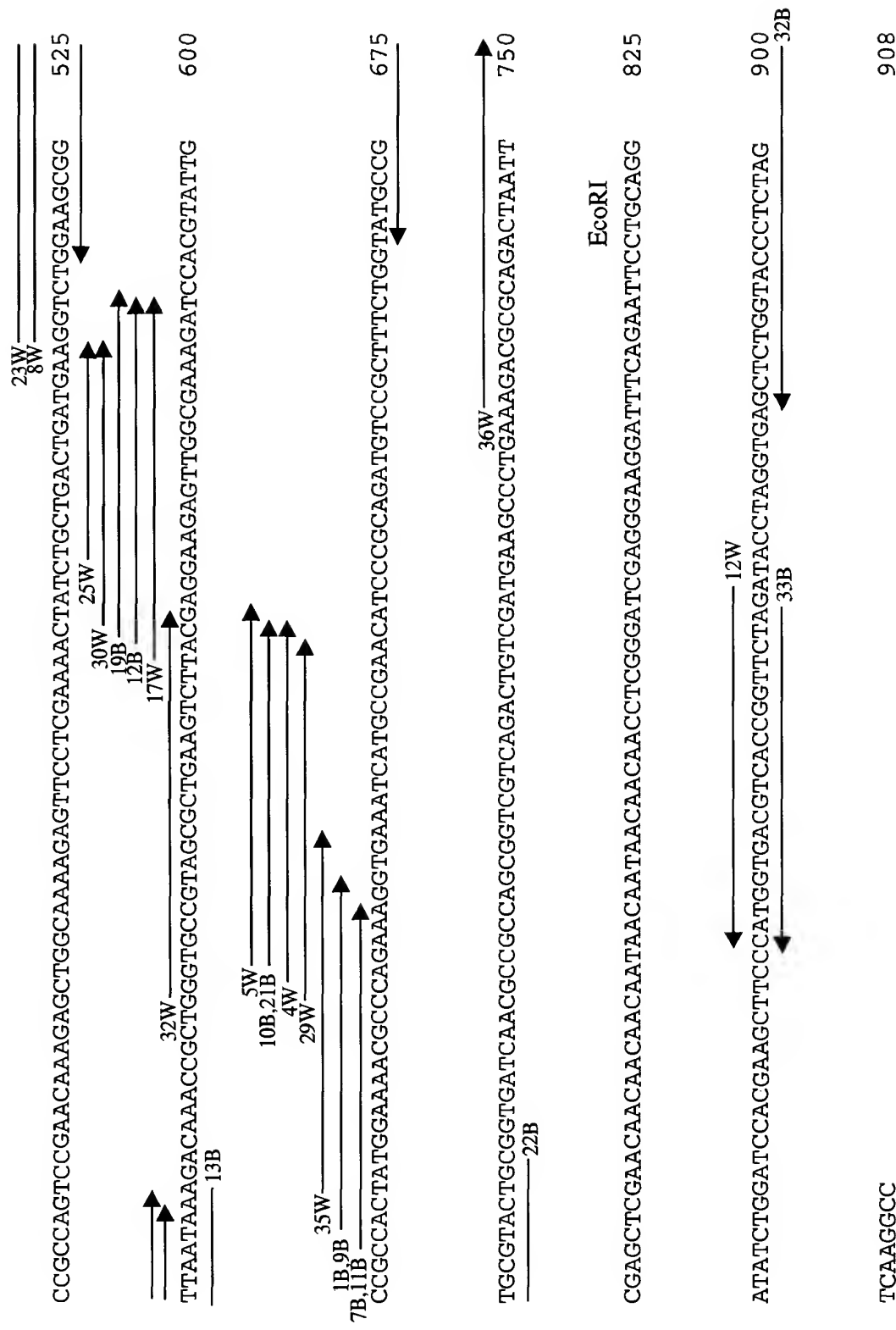


Fig. 4B (cont.)

Mapping cloned RNA fragments onto original GFP transcript

NheI-BsrGI GFP fragment cloned in LITMUS 38i:

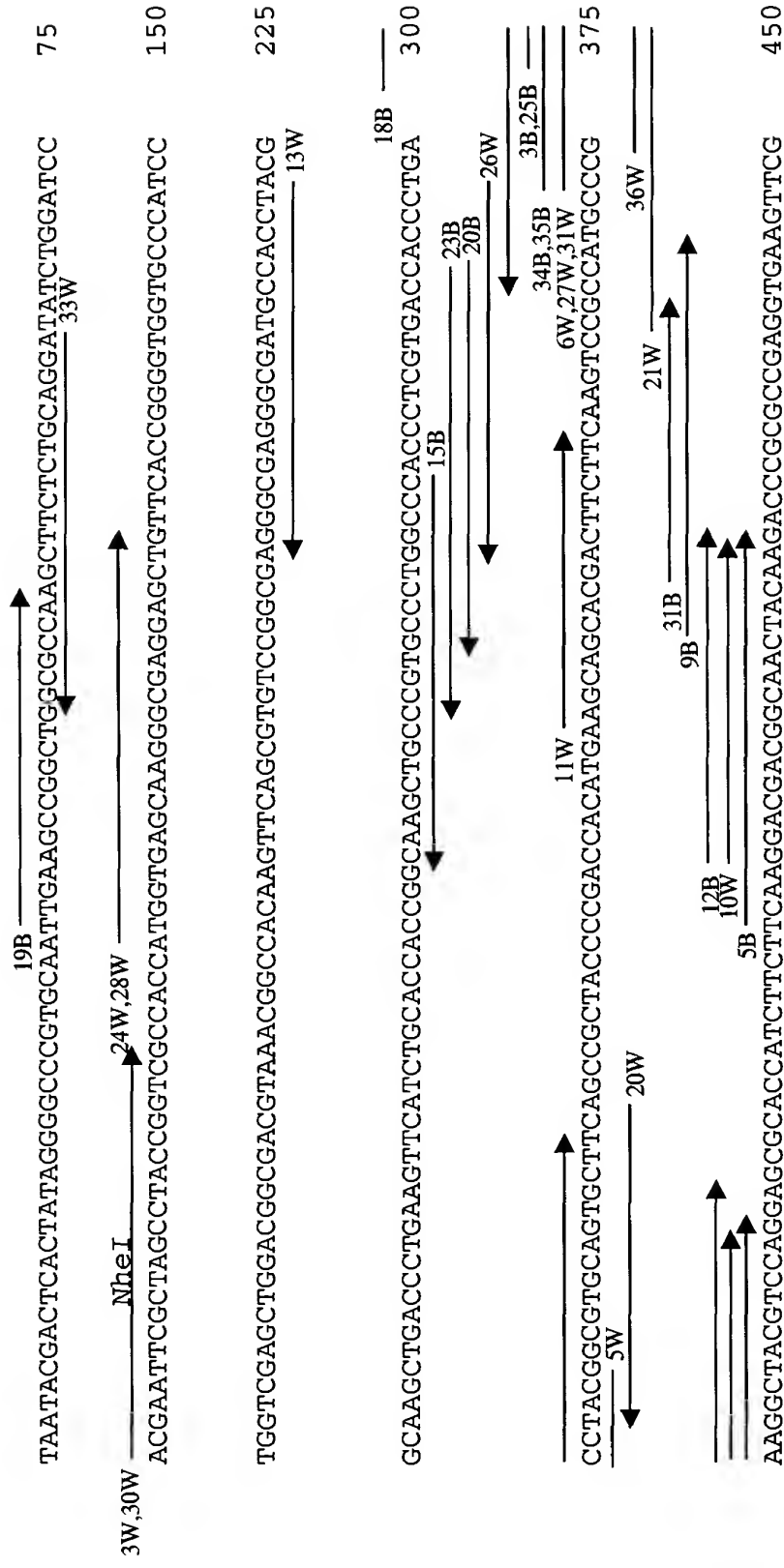


Fig. 4C

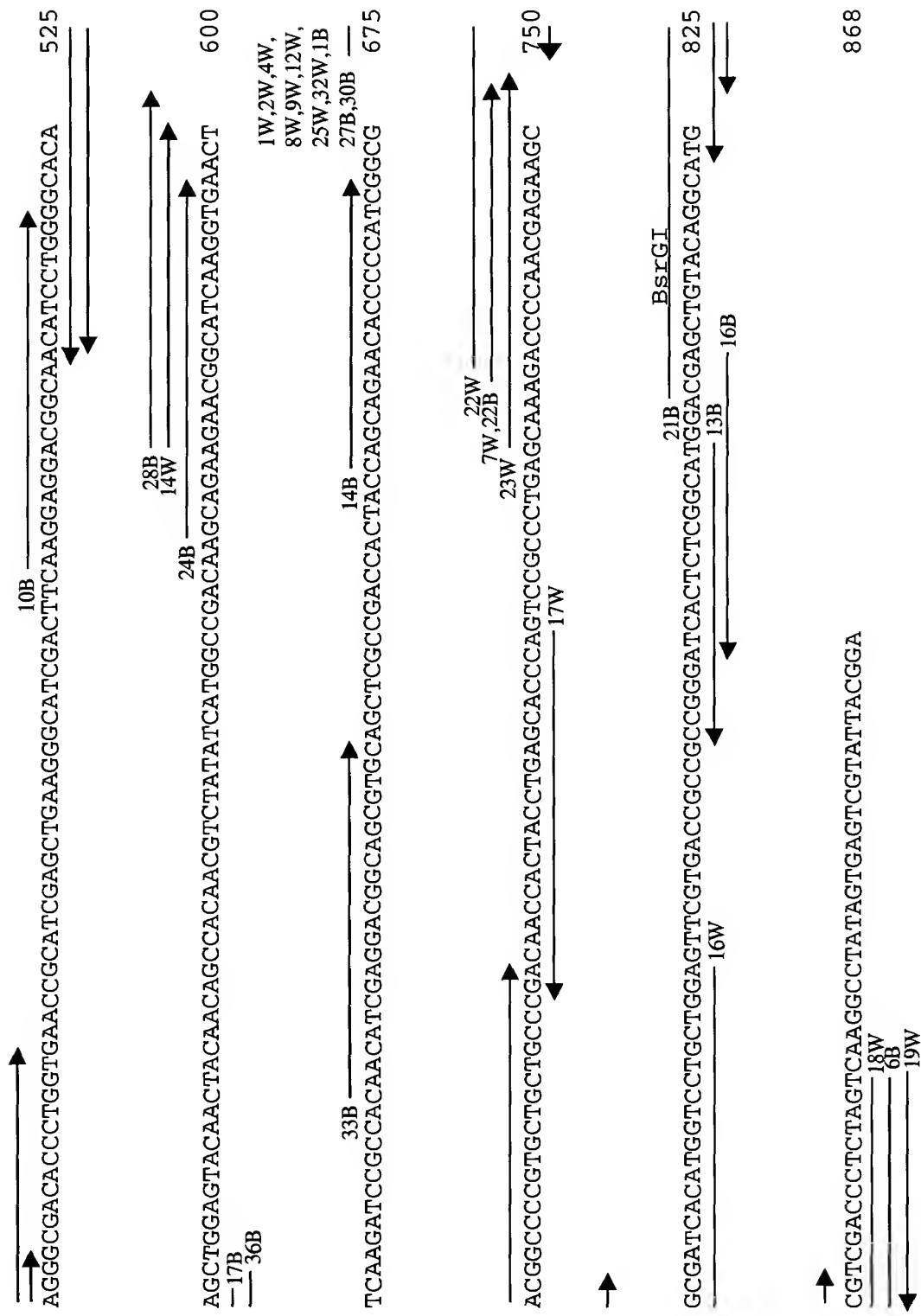


Fig. 4C (cont.)

Insert length summary- total clones from both genes

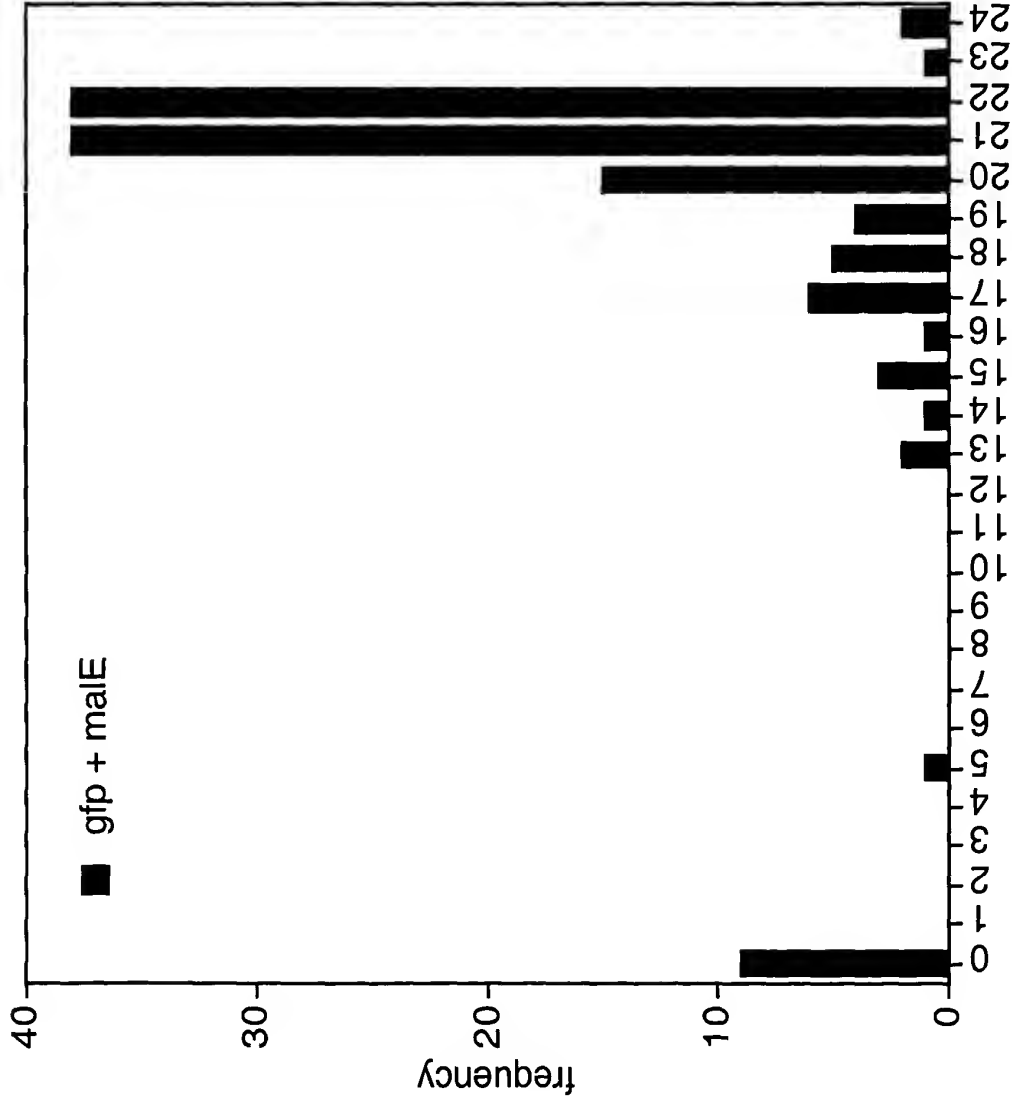


Fig. 4D

length	frequency
0	9
5	1
13	2
14	1
15	3
16	1
17	6
18	5
19	4
20	15
21	38
22	38
23	1
24	2
total	126

Firefly luciferase silencing in *Drosophila* S2 cells

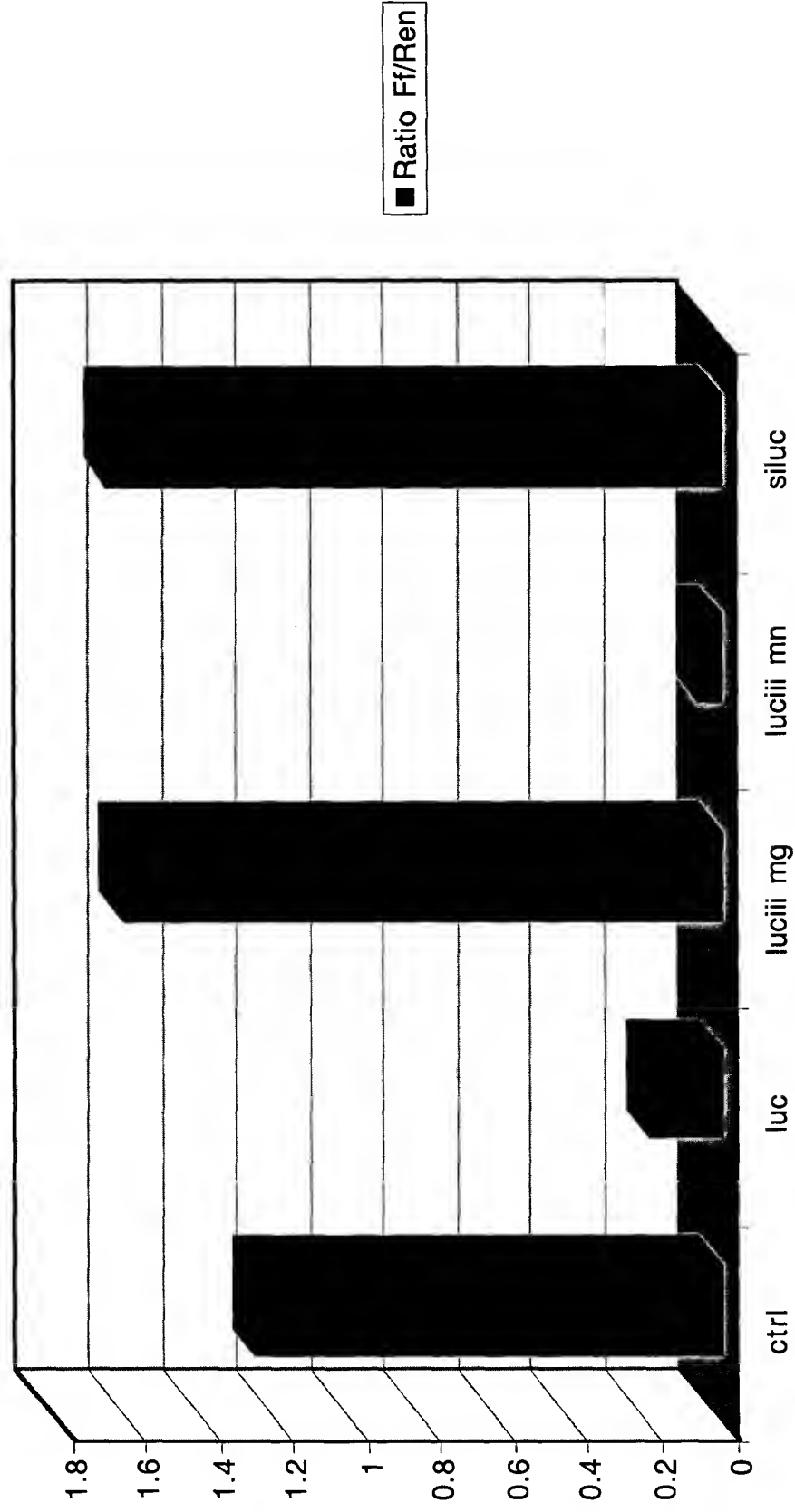


Fig. 5

EGFP silencing in HEK-293 cells



i

control



ii

GFP dsRNA

RNaseIII Mn++

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Fig. 6A

Luciferase is unaffected by GFP hsiRNA in HEK-293 cells

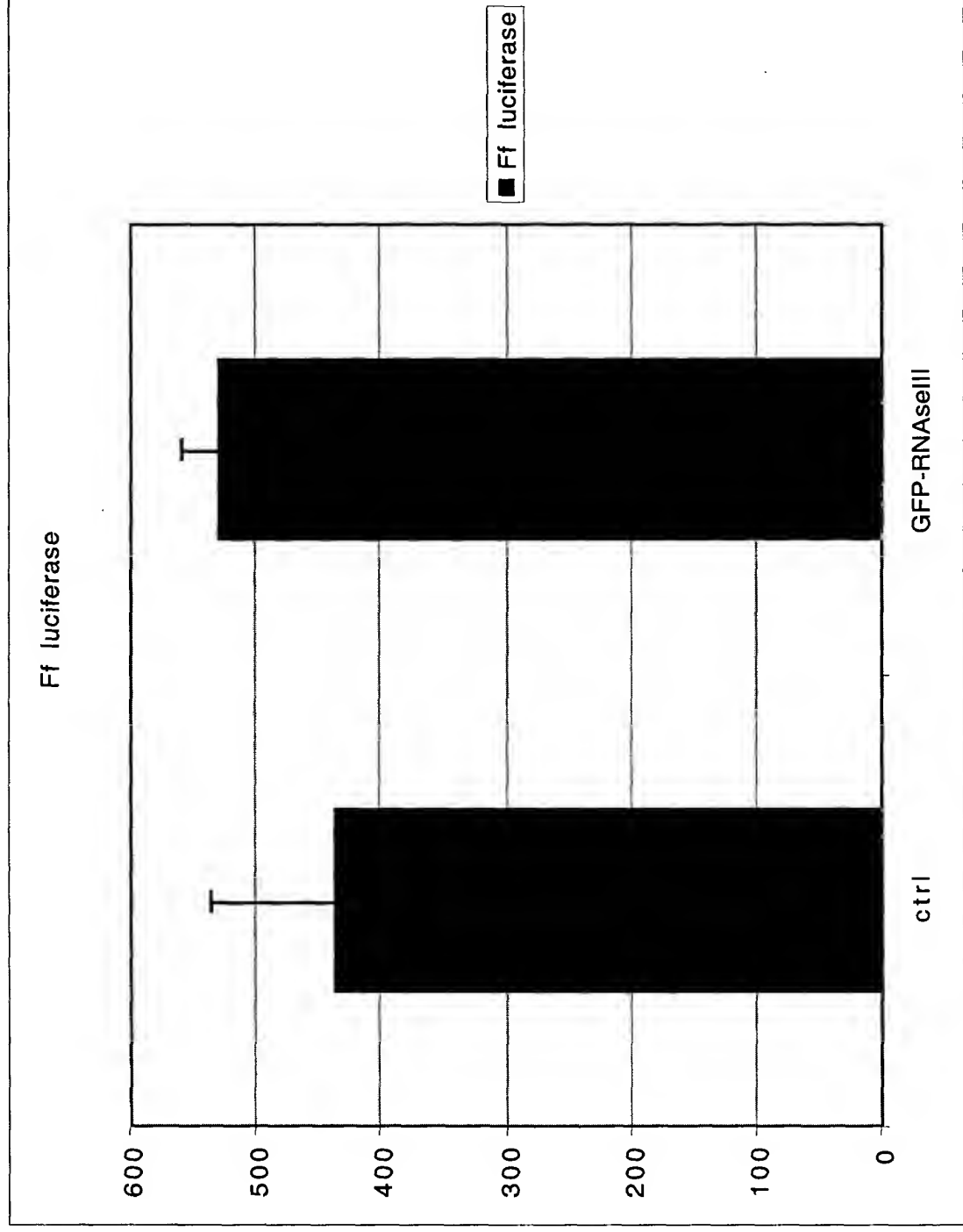


Fig. 6B

Luciferase silencing by luciferase hsiRNA in HEK-293 cells

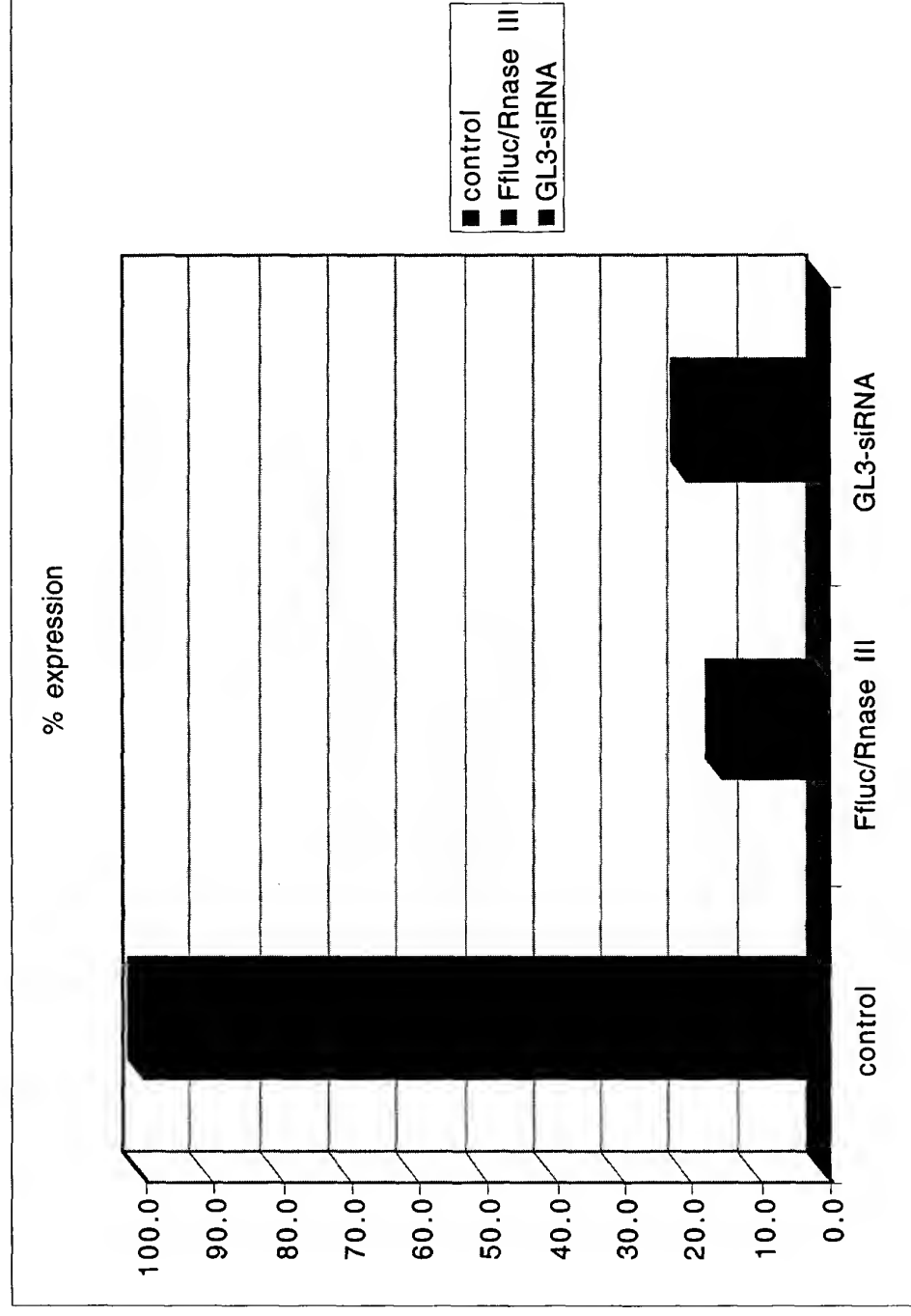


Fig. 6C

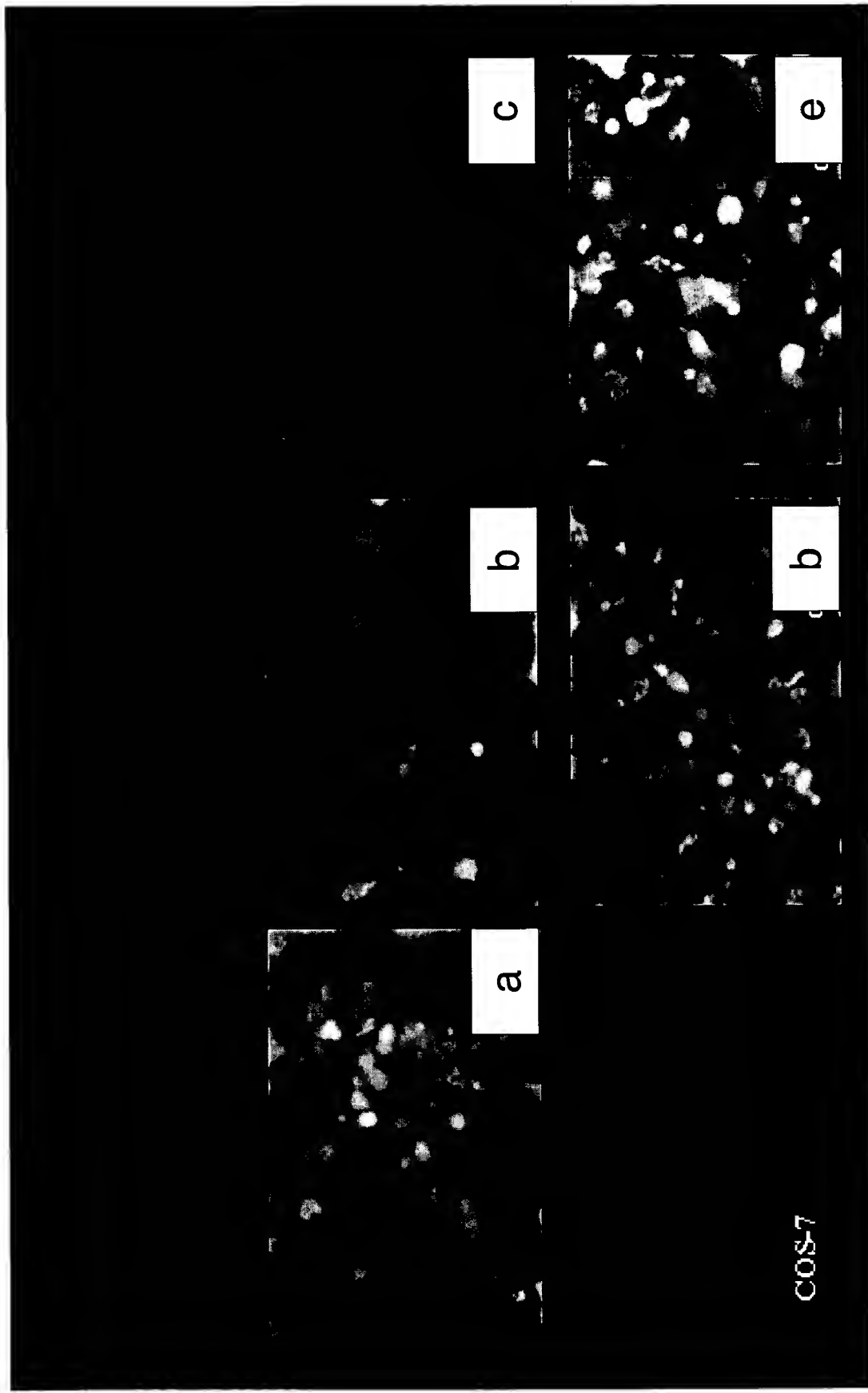


Fig. 7

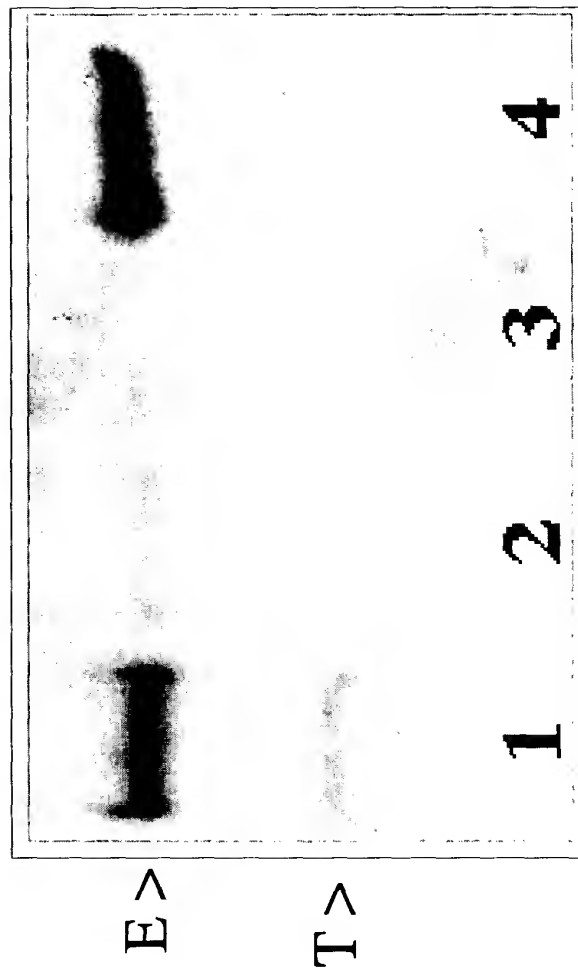


Fig. 8A

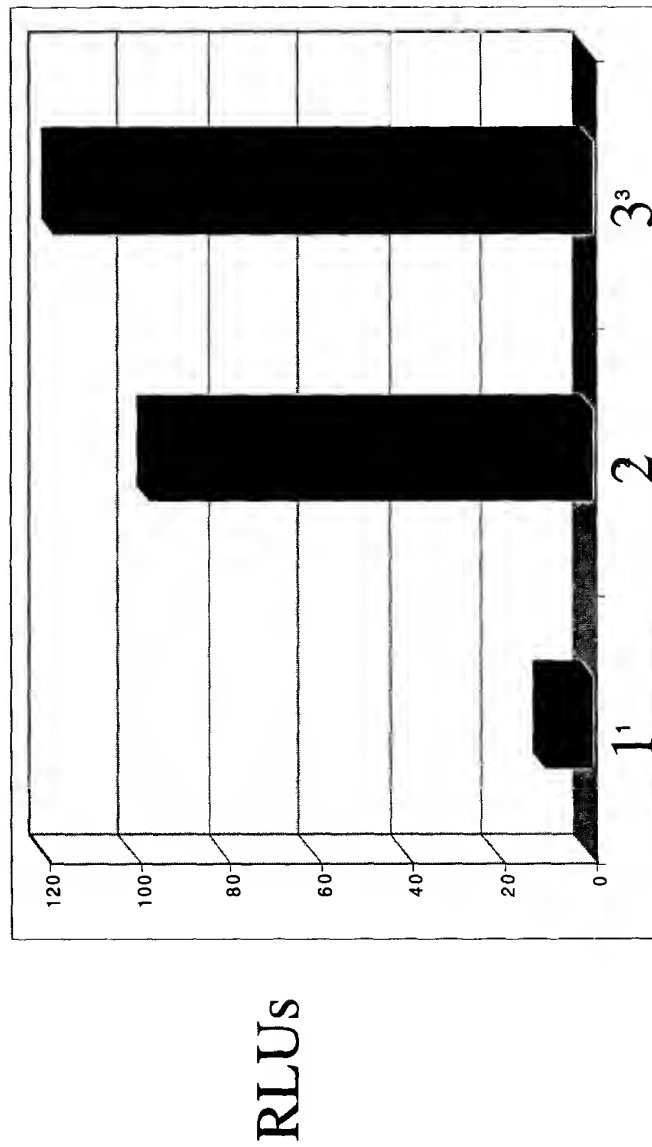


Fig. 8B

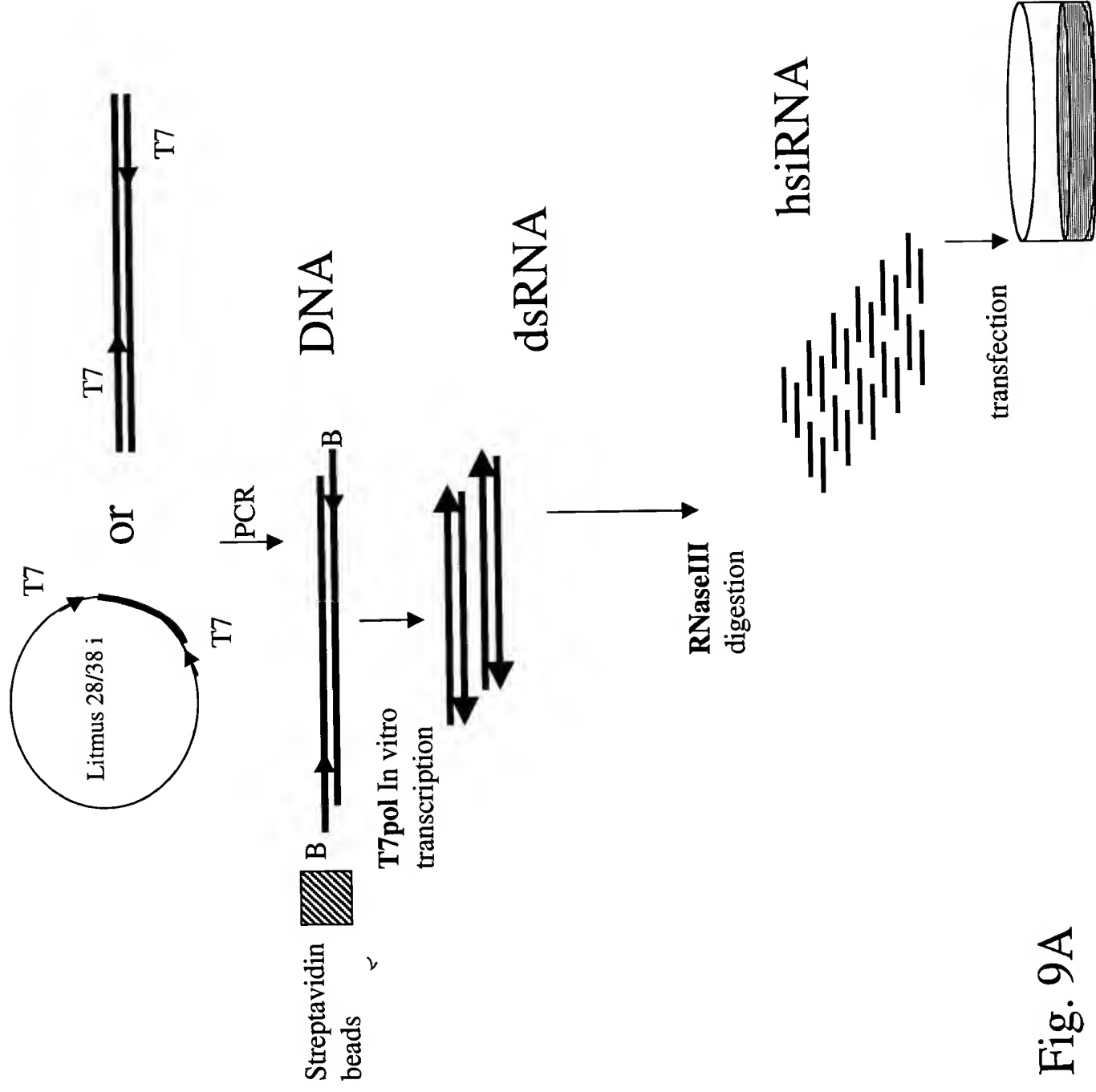
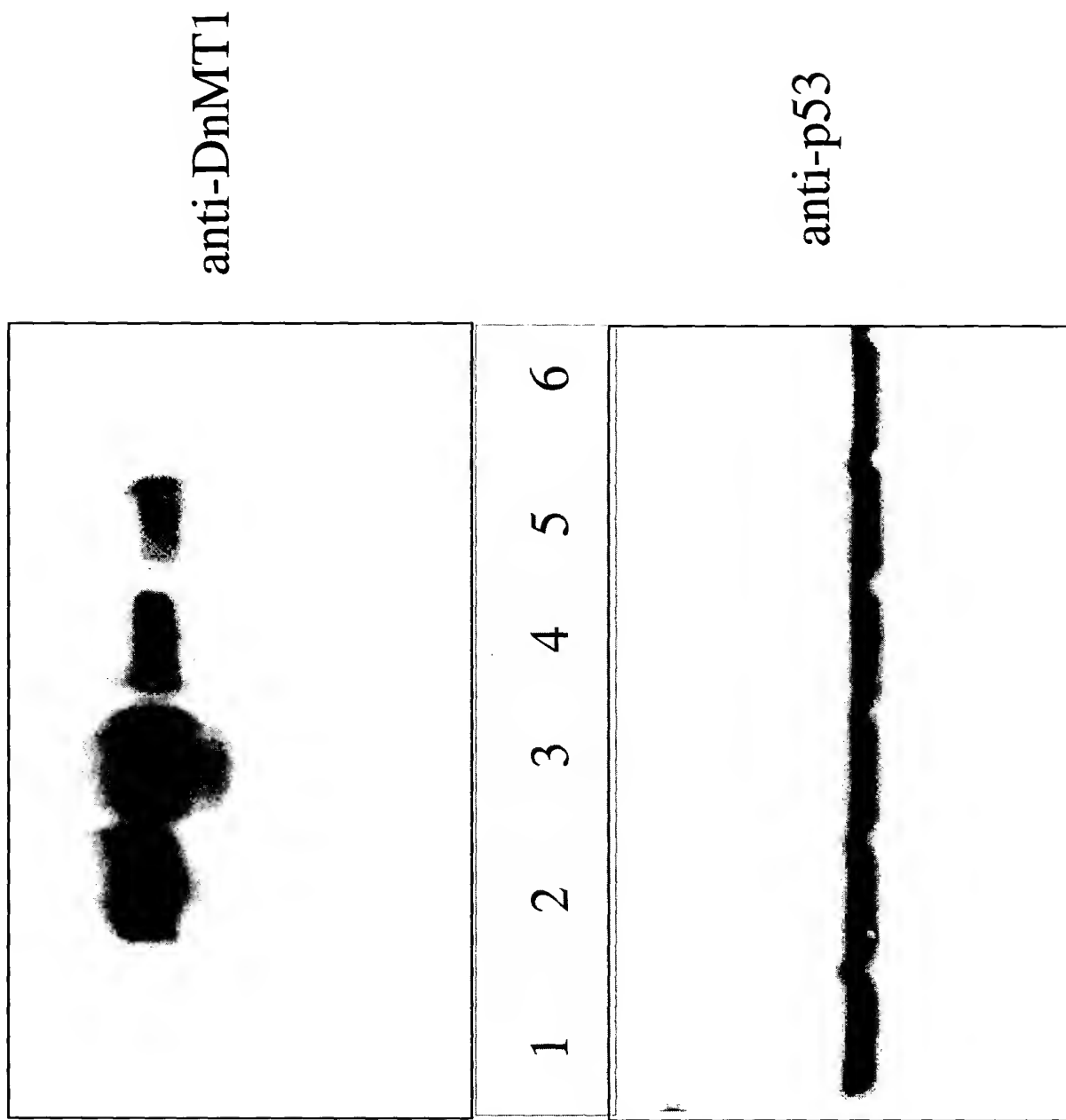


Fig. 9A



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Fig. 10

sites cleaved by siRNA/RISC

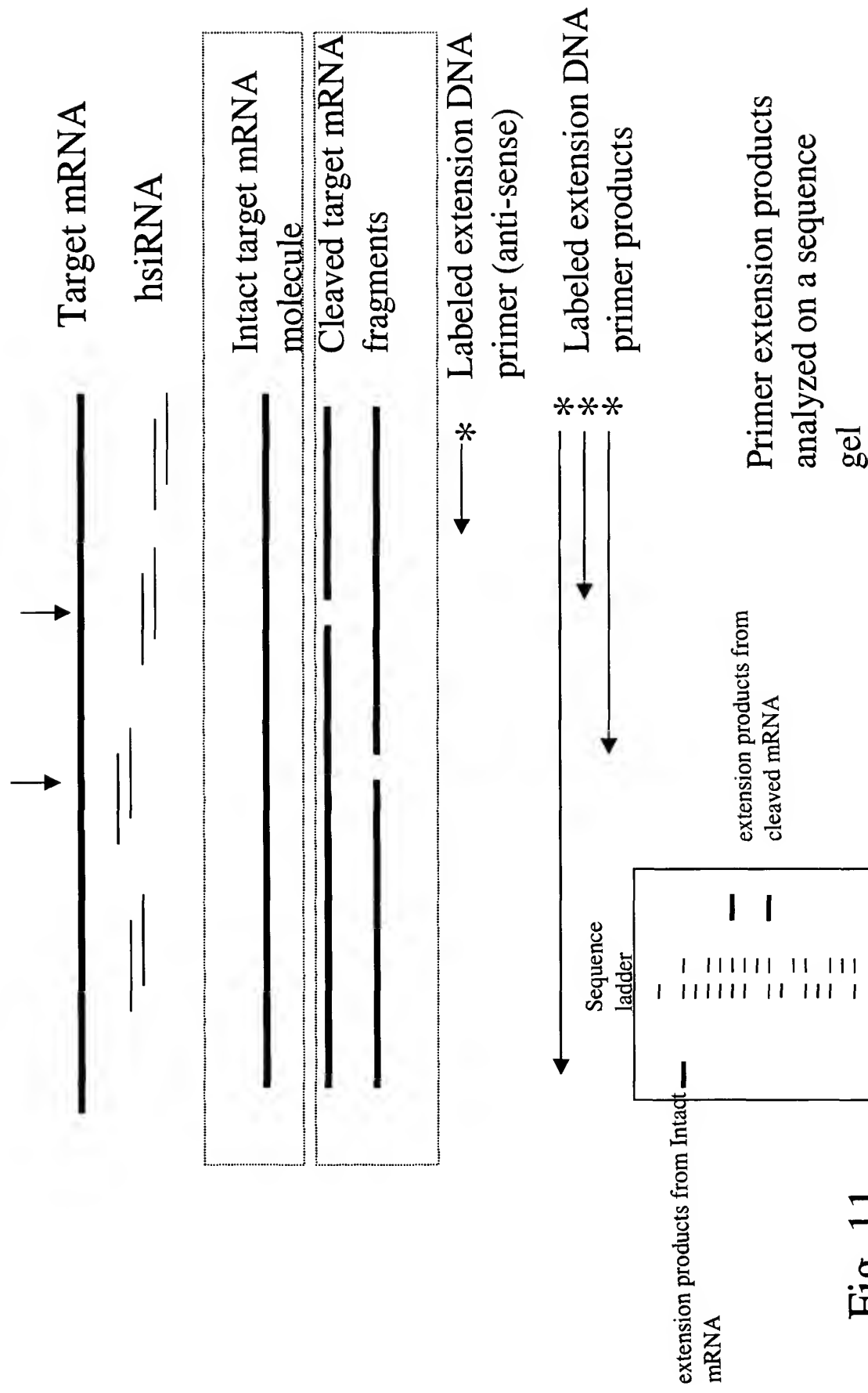


Fig. 11